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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/708,658	11/09/2000	Nicholas Sheppard Bromer	3157	
75	90 01/26/2004		EXAMINER	
Nicholas Bromer 402 Stackstown Road			DRUAN, THOMAS J	
Marietta, PA			ART UNIT	PAPER NUMBER
			3724	-

DATE MAILED: 01/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action Application No. Applicant(s)	ed s later. In EP extension extension
Examiner Thomas J. Druan, Jr. -The MAILING DATE of this communication appears on the cover sheet with the correspondence address — THE REPLY FILED 20 December 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANC Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continu Examination (RCE) in compliance with 37 CFR 1.114. PERIOD FOR REPLY [check either a) or b)] a) The period for reply expires months from the mailing date of the final rejection. b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is no event, however, will the statutory period for reply expire alter than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPl 706.07(f). Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate effee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate effee under 37 CFR 1.137(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office ac (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, eve timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). 1. A Notice of Appeal was filed on Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal. 2. The proposed amendment(s)	ed s later. In
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3. Applicant's reply has overcome the following rejection(s):	
4. Newly proposed or amended claim(s) would be allowable if submitted in a separate, timely filed amended canceling the non-allowable claim(s).	ment
5. ☑ The a) ☐ affidavit, b) ☐ exhibit, or c) ☑ request for reconsideration has been considered but does NOT place application in condition for allowance because: <u>See Continuation Sheet</u> .	the
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.	
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.	
The status of the claim(s) is (or will be) as follows:	
Claim(s) allowed:	
Claim(s) objected to:	
Claim(s) rejected: <u>1-6</u> .	
Claim(s) withdrawn from consideration:	
8. The drawing correction filed on is a) approved or b) disapproved by the Examiner.	
9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)	
10. Other:	

BOYER ASHLEY PRIMARY EXAMINER





Continuation of 5. does NOT place the application in condition for allowance because: the claim does not preclude placing the plate over the grinded bevel of the substrate because the plate would still extend to and comprise the cutting edge, especially after the softer substrate is worn away after use. Furthermore, fine grinding can produce a surface roughness as low as 250 Angstroms according to the Machinery's Handbook 26th Edition (cited in a proir Office Action). The cited Bennett & Mattson graph extrapolation shows that a beam of coherent light having a wavelength of .633 microns is completely scattered when shone substantially perpendicularly to a surface having a roughness of 500 Angstroms. Applicant points out on page 3, lines 11-12 of the original specification that the wavelength of visible light ranges between .400 - .700 microns, which would indicate full scattering off of a surface having a roughnesses above and below the 500 Angstroms of the extrapolated Benett & Mattson graph.